## imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

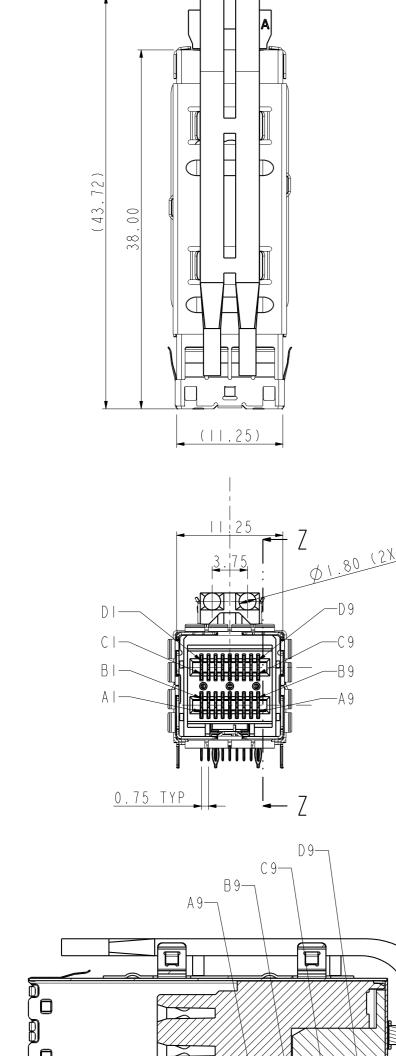
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

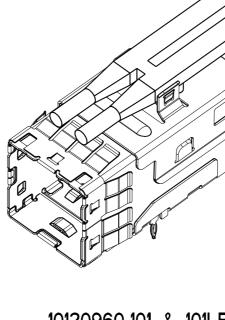


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PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	IXI EXTERNAL ASSEMBLY	IXI LIGHT PIPE SUB-ASSEMBLY WITH MOUNTING CLIP	DESCRIPTION			NOTES:			
0 20960- 0   0 20960- 0 LF	OPTION I OPTION 2	10112626-101 10112626-101LF		WITH SAME LENGTH LIGHT	PIPES		I. MATERIAL		H TEMPERATURE THERMOF	
A 10120960-102LF	OPTION 2	10112626-101LF	10121258-002LF	WITH DIFFERENT LENGTH LIGH	HT PIPES B		GLASS F EMI CAG	ILLED, UL 94V-0 E: NICKEL SILVEF GERS: COPPER ALL LS: COPPER ALLO	R ALLOY	A
	1						LIGHI P	IPE CLIP:STAINLE	ESS SIEEL	
						<u>_</u>	LIGHT P 2. FINISHES	IPE: POLYCARBONAT	TE	
_							EMI FIN Contact Tail ar	GERS: 0.50um MIN AREA: 0.76um MI EA:	N NICKEL IN GOLD OVER 2.54um M	IIN NICKEL
						3	OPT	ION I: 0.76um -	I.52um TIN/LEAD (90/ I.52um TIN (LEAD FRE	10) OVER 2.54um MIN NICKEL E) OVER 2.54um MIN NICKEL
B	72)							SPECIFICATION: (		B
	(43.7					pl/	E X T E R N L I G H T	AL ASSEMBLY WILL	CATION: GS-I4-I490 _ BE IN ONE BOX. _Y WITH MOUNTING CLIF A MASTER CARTON.	WILL BE IN ONE BOX.
					V			ION SPECIFICATIO		
							MOUNTING 2 REQUIR	HARDWARE: M2X0. SCREW LENGTH: E ED PER ASSEMBLY. HARDWARE NOT SU	.4 BUTTON HEAD SCREW 30ARD THICKNESS + I.4 JPPLIED.	mm MAX (0.9mm MIN).
				10120960-101 &	101LF SHOWN		7. THIS CON INDUSTRY	NECTOR IS DESIGN SPECIFICATION S	NED TO MEET THE REQUI SFF-8644.	REMENTS OF
С		(  .25)		WITH SAME LEN SCALE	GTH LIGHT PIP 2.500	ES	8. LIGHT PI AFTER EX	PE SUB-ASSEMBLY TERNAL ASSEMBLY	WITH MOUNTING CLIP F APPLIED TO PCB.	INAL ASSEMBLY C
							٨			IEW, OR NOTE THAT HAS BEEN
		$\begin{bmatrix} 11 \\ 25 \\ 3 \\ 75 \end{bmatrix} \xrightarrow{P} Z$	(2X)							
	D		~				•			
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	0.75					( ( 9 X )	(36X)		2.5	<u>D TYP</u>
		D 9		24.06 TYP	3.8  T	<u>чр</u>	. 30			
		В 9 — С 9 — ( А 9 — (							4.50 TY	
E										E
2016		.70 (I2X)	u							
<b>O</b> F	<u>3.</u>	.70 (12X) .80 (3X)		MATES WI MINI-SAS HD E	ENDS IN: spec	ref -	dr Qin De-Feng eng Jerry Zhang		projection	MM size scale A2 2.500 F
	<u>7.</u>	.60 (3X)		0  204  SERIE  0  777  SERIE		SO 406 O 1101	ANCES UNLESS VISE SPECIFIED Chr Stone Li appr Heaven Cen	2018/01/15 2018/01/18	product family M	ecn no ELX-DG-28824-1
		SECTION Z-Z		10117946 SERIE 10117949 SERIE	ES (4X)	face - linear	0.x         ±0.5         Ampheno           0.xx         ±0.3         EC	■ <sup>•</sup> <b>ixi external</b> • MINI-SAS HD	ASSEMBLY WITH LIGHT PI	
Creo File - REV E - 2016-02-12		2	3	4	is 5	0   302 angular	0° ±3° PDS: <b>Rev</b> :B	cat. no.	- Product STATUS:Released	- Customer Drw sheet 1 of 7 Printed: Jan 19, 2018

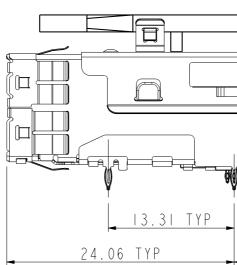


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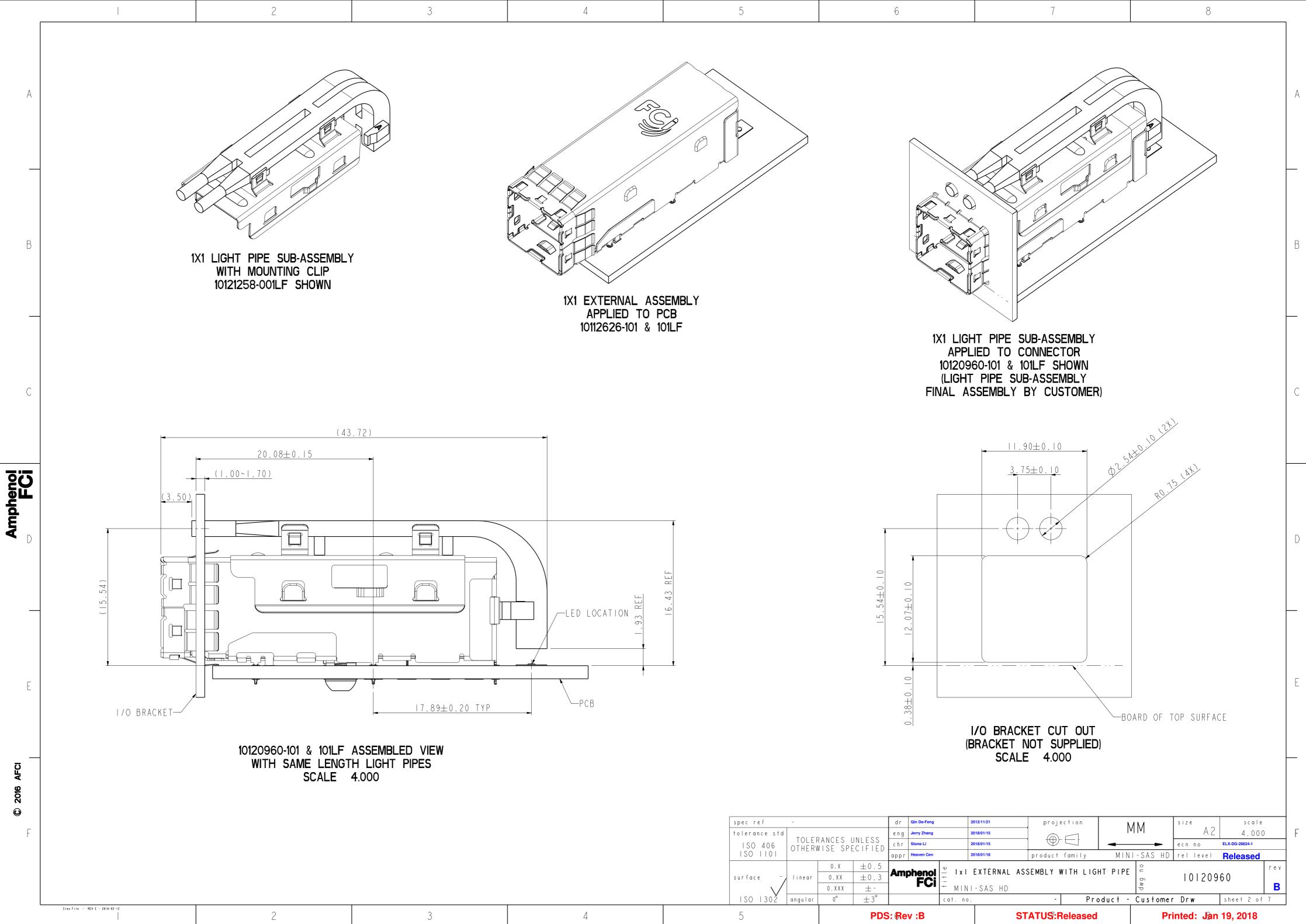






4	5	6	7	8	
DESCRIPTION		NOTES:			
SAME LENGTH LIGHT	PIPES	I. MATERIALS:			
FERENT LENGTH LIG	HT PIPES	GLASS FILLED, EMI CAGE: NICK	EL SILVER ALLOY	ASTIC	A
		EMI FINGERS: C TERMINALS: COP LIGHT PIPE CLI			
		LIGHT PIPE:POL 2. FINISHES:	YCARBONATE		
		EMI FINGERS: O	.50um MIN NICKEL 0.76um MIN GOLD OVER 2.54um M	IN NICKEL	
		OPTION I:	0.76um - I.52um TIN/LEAD (90/ 0.76um - I.52um TIN (LEAD FREI	10) OVER 2.54um MIN NICKEL E) OVER 2.54um MIN NICKEL	
		3. PRODUCT SPECIFI			B
		EXTERNAL ASSE LIGHT PIPE SU	SPECIFICATION: GS-14-1490 MBLY WILL BE IN ONE BOX. B-ASSEMBLY WITH MOUNTING CLIP	WILL BE IN ONE BOX.	D
			L BE IN A MASTER CARTON. CIFICATION: GS-20-0327		
			RE: M2X0.4 BUTTON HEAD SCREW LENGTH: BOARD THICKNESS + I.4r	nm MAX (0.9mm MIN).	
		2 REQUIRED PER			
	& 101LF SHOWN		IS DESIGNED TO MEET THE REQUINICATION SFF-8644.	REMENTS OF	
	IGTH LIGHT PIPES 2.500		ASSEMBLY WITH MOUNTING CLIP F ASSEMBLY APPLIED TO PCB.	INAL ASSEMBLY	С
		9. A 🕭 SYMBOL WIL MODIFIED WITH T	L BE NEXT TO ANY DIMENSION, V HE CURRENT DRAWING REVISION.	IEW, OR NOTE THAT HAS BEEN	
		6.43)			
					D
- 13.31		6 (36X	2.50		
24.06 TYP	<u> </u>	<u>м</u> .	<u> </u>		
					E
MATES WI					
MINI-SAS HD	ES (AV)	dr     Qin De-Feng       eng     Jerry Zhang       RANCES UNLESS     chr       Stone Li     Stone Li	2012/11/21         projection           2018/01/15         D	MM A2 scale A2 2.500 ecn no ELX-DG-28824-1	F
10117771 SERI 10117946 SERI	ES (4X)	$\begin{array}{c c} appr & \text{Heaven Cen} \\ \hline 0.X & \pm 0.5 \\ \hline 0.X & 10.2 \\ \hline \end{array}  \textbf{Amphenol}  \begin{array}{c} \hline & \hline & 1 \times 1 \\ \hline \end{array}$	2018/01/18 product family MI EXTERNAL ASSEMBLY WITH LIGHT PIP	NI-SAS HD rel level <b>Released</b>	V
10117949 SERI			I-SAS HD - Product	IOI20960       Customer Drw	8
4	5	PDS: Rev :B	STATUS:Released	Printed: Jan 19, 2018	

0.70 (12X) 3.80 (3X) 7.60 (3X)
SECTION Z-Z



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				THE DISTANCE OF TWO SURFACES.
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		10120	960-102LF ASSEMBLED VIEW	E
) 2016 AFCI		WITH DI	FFERENT LENGTH LIGHT PIP SCALE 4.000	ΞS
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	Creo File - REV E - 2016-02-12	2	3	4

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	10120960-102LF SHOWN FFERENT LENGTH LIGHT PIPE	S		
	SCALE 4.000			D
				E
ALL DIMENSIO	ONS ARE SAME AS 101209	60-101LF EXCEPT AS SHC	)WN.	
spec ref - tolerance std ISO 406 ISO 1101	RANCES UNLESS VISE SPECIFIED Chr Stone Li 20 appr Heaven Cen 20	12/11/21     projection       18/01/15     Image: Constraint of the second sec	MM A2 scale A2 4.000 ecn no ELX-DG-28824-1 - rel level Released	F

	5			PDS	: Rev :B			STATUS:	Relea	ased		Printed: Ja	n 19, 2018	
	ISO I302	angular	0°	$\pm 3^{\circ}$		cat. no		-		Product	- Custom	ner Drw	sheet 3 of	7
	$\langle \rangle$		0.XXX	± -		⁺ M∣N	I-SAS HD				d × d			B
S	urface -	, linear	0.XX	±0.3	Amphenol FCi		EXIENNAL	ASSEMDLI	WIII		ີ <b>ເ</b> ອາ	10120	960	
			0.X	±0.5	Amphanal	<b>0</b>   <b>v</b>	EVTEDNAL	ASSEMBLY	WITU	LIGHT PI				rev
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	Q.2.	<u> </u>	32.69 E NOTE 15)	00.3740.05 00.05/C[0]01 00.05/C[0]1 00.05/C[0]1 01 00.05/C[0]1 01 01 01 01 01 02 00 00 05/C[0]1 01 01 01 01 01 01 01 01 01 01 01 01 01		0.70	
3	SEE NOTE			LED LOCA	ATION (2X)		В
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	12.0	T SEE N	.80				

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Amphenol FCi

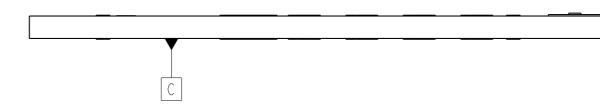
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NOTES:

- IO. RECOMMENDED DRILL SIZE FOR  $\emptyset$ O.37 FINISHED PTH IS  $\emptyset$ O.457.
- II. RECOMMENDED ANNULAR RING AROUND  $\emptyset$  0.37 FINISHED PTH IS  $\emptyset$  0.73.
- 12. RECOMMENDED DRILL SIZE FOR  $\emptyset$ 0.57 FINISHED PTH IS  $\emptyset$ 0.68.
- I3. RECOMMENDED ANNULAR RING AROUND  $\emptyset$ 0.57 FINISHED PTH IS  $\emptyset$ 0.93.
- 14. MINIMUM RECOMMENDED CENTER TO CENTER SPACING BETWEEN ADJACENT CONNECTORS: 47.00mm.
- 15. CONNECTOR KEEP OUT AREA.
- 16. MINIMUM PCB THICKNESS: 1.57mm.
- 17. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THE AREAS.

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SEE NOTE	18.19 13.31 3.70 17 17 17 17 17 17 17 17 17 17				DETAIL Y SCALE 10.000	

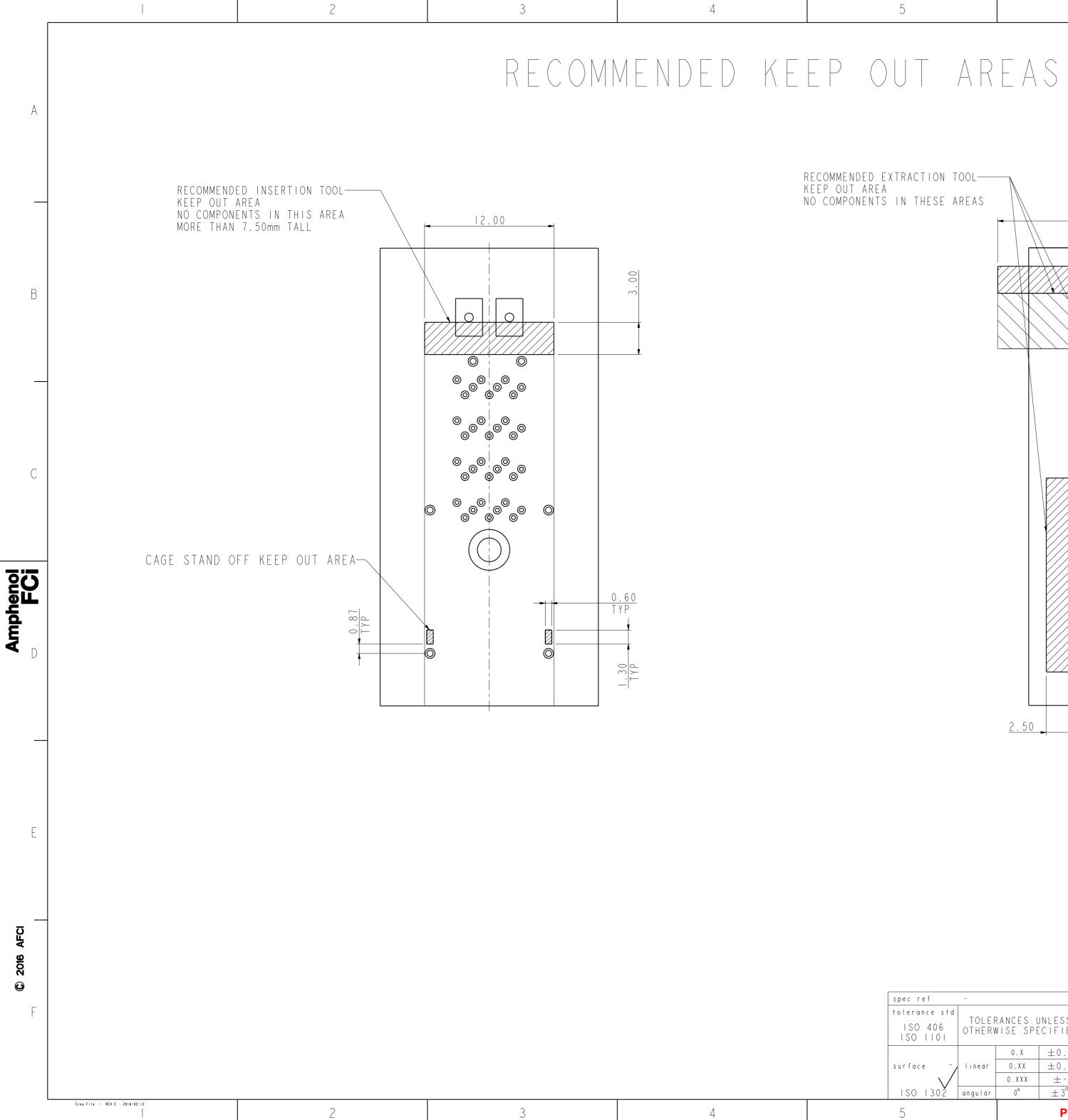


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spec ref	-			dr	Qin De-Feng		2012/11/21	proje	ection	N/	M	size	scale		
tolerance std				eng	Jerry Zhang		2018/01/15		$\square$	Iv	V	A 2	4.000	)	F
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surface -/	linear	0.XX	±0.3	Ami	phenol FCi			SSEMDET N	SEMBLY WITH LIGHT PIPE		on 1012		0960		ł
		0.XXX	±-		FUI	⁺ M∣N	I-SAS HD				a k			B	
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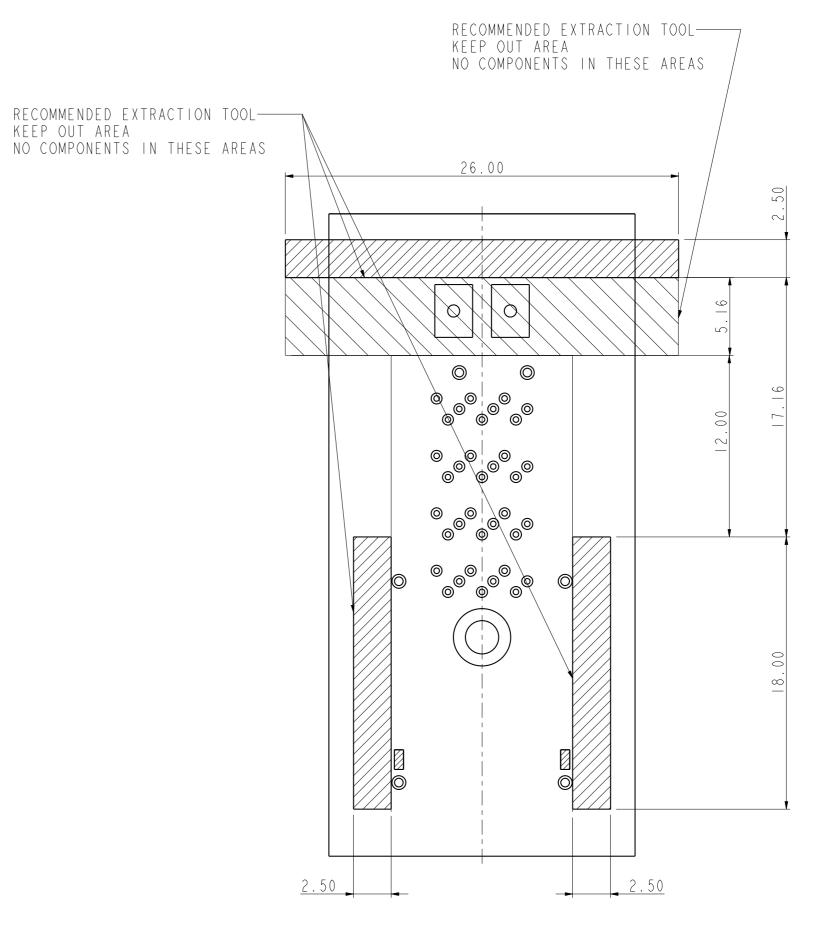
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spec ref	-			dr	Qin De-Feng		2012/11/21	proj	ection	Ι N/		size	scale	,
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ISO   0					Heaven Cen		2018/01/18	product	family		-	rel level	Released	
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		0.XXX	± -		FUI	⁺ M∣N	I-SAS HD				d v d			B
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<b>© 2016 AFCI</b>	Creo File - REV E - 2016-02-12	2	3	4	spec ref - tolerance std ISO 406 ISO 1101 surface - ISO 1302 angular 5		2012/11/21 projection 2018/01/15 2018/01/15 2018/01/18 product famil IxI EXTERNAL ASSEMBLY WITH MINI-SAS HD It. no STATUS:Release	y - rei LIGHT PIPE Product - Customer Dr	A 2 4.000 no ELX-DG-28824-1 level Released 0120960 B	3

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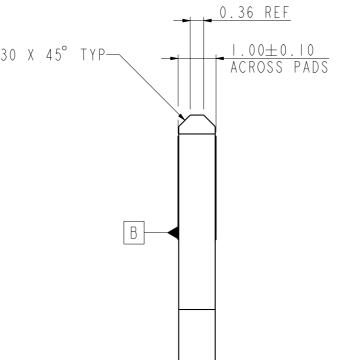
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A B					CO.30 X 45° TYP	0.36 REF 1.00±0.10 ACROSS PADS		
2016 AFCI	NOTES:				0.105±0.025 B.E.C	OMMENDED PLUG SFF-8644 FOR	PADDLE CARD DETAIL	

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- 18. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS.
- 19. DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.

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surface -/	linear	0.XX	±0.3	Ami	phenol FCi		EXTERNAL AS			11 F   F <u></u>	D	101209	60															
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